

-- 07/382,094 -- and after "1989", please insert -- now
abandoned --.

Page 21, line 10, please delete "call" and insert therefor
-- cell --.

IN THE CLAIMS

Please cancel claims 22, 24-26, 36-42, 45-48, 74-75,
102 and 103 without prejudice or disclaimer, and amend the
following claims.

51. (Twice amended) A method according to Claim [42]
10 wherein staining patterns produced [thereform] by that method
are used to distinguish normal [and] from malignant cells for
purposes of prognosis and/or determining the effectiveness of
therapy.

53. (Twice amended) A method according to Claim [42]
10 wherein staining methods produced [therefrom] by that method
are useful in monitoring the status of a patient whose
chromosomal material is so tested on a cell [to] by cell basis.

REMARKS

The specification has been amended to up-date the
status of related applications and to correct proofreading
errors. Claims 22, 24-26, 36-42, 45-48, 74-75, 102 and 103 have